

Title (en)

CONTENT DELIVERY SESSION ACCOUNTING FOR ACCESS/NETWORK SERVICE PROVIDER

Title (de)

VERRECHNUNG VON INHALTSBEREITSTELLUNGSITZUNGEN FÜR ZUGANGS-/NETZDIENSTANBIETER

Title (fr)

COMPTABILITÉ DE SESSION DE DISTRIBUTION DE CONTENU POUR FOURNISSEUR DE SERVICE D'ACCÈS/RÉSEAU

Publication

EP 2754280 A1 20140716 (EN)

Application

EP 12772130 A 20120822

Priority

- US 201113224791 A 20110902
- IB 2012054252 W 20120822

Abstract (en)

[origin: US2013060931A1] An edge node of an Access/Network Service Provider (ANP) network tracks the delivery into the ANP network of content from Content Providers (CP), and generates accounting sessions with an accounting server. The edge node is provisioned with the IP addresses of known CP servers. A content delivery session, characterized by a CP IP address and a content identifier, such as a Differentiated Service Code Point (DSCP) value, is started upon the source IP address of a packet matching a known CP, and a packet count is incremented for each subsequent packet from the CP with the same content identifier. An accounting session is initiated with an accounting server when the content delivery session is started, and the accounting session is terminated, with the packet count for the session, upon a time-out since the last packet received. Multiple content delivery sessions may be ongoing simultaneously.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013030724A1

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US 201113224791 A 20110902; CA 2847104 A 20120822; CN 201280042727 A 20120822; EP 12772130 A 20120822; IB 2012054252 W 20120822; JP 2014527770 A 20120822